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In Re Application of:

**JUL 23 2004**

Donald C.D. Chang, et al

**Technology Center 2600**

Serial No. 09/858,387

Art Group No.: 2683

Filed: May 15, 2001

Examiner: Torres, Marcos L.

For: COMMUNICATION SYSTEM FOR MOBILE USERS  
USING ADAPTIVE ANTENNAS

Attorney Docket No.: PD-201006A

**SUPPLEMENTAL DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. § 1.97(c)**  
**WITH PAYMENT OF FEE UNDER 37 C.F.R. § 1.17(P)**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
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Sir:

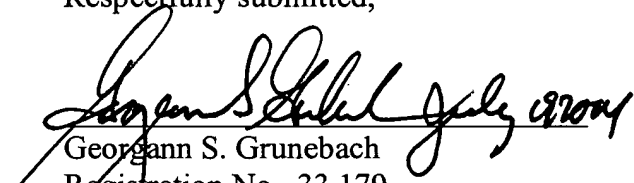
In compliance with 37 C.F.R. § 1.97(c), the art listed and identified on the attached PTO form (copies of references enclosed) is being submitted herewith for consideration by the Examiner.

This information disclosure statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

**PAYEMNT OF FEE SET FORTH IN § 1.17(P)**

Please charge Deposit Account No. 50-0383 of Hughes Electronics Corporation, El Segundo, California, in the amount of \$180.00. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to that account. **This form is being submitted in duplicate.**

Respectfully submitted,

  
Georgann S. Grunebach  
Registration No. 33,179  
Attorney for Applicant(s)

Date: July 19, 2004

The DIRECTV Group, Inc.  
2250 East Imperial Highway  
P. O. Box 956  
El Segundo, CA 90245  
Telephone: (310) 964-4615



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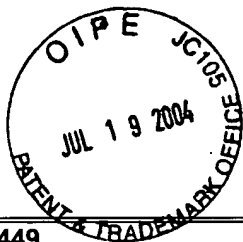
Technology Center 2600

Form PTO-1449	Serial Number 09/858,387	Docket PD-201006A (H-1246)
<b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>	Applicant Donald C. D. Chang et al.	
(Use several sheets if necessary) Sheet 1 of 5	Filing Date 05/15/2001	Group

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(Use several sheets if necessary) Sheet 2 of 5	Filing Date 05/15/2001	Group

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(Use several sheets if necessary) Sheet 3 of 5	Filing Date 05/15/2001	Group

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(Use several sheets if necessary) Sheet 4 of 5	Filing Date 05/15/2001	Group

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